## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 7 October 2004 (07,10,2004)

**PCT** 

(10) International Publication Number WO 2004/084648 A2

(51) International Patent Classification7:

A23L

(21) International Application Number:

PCT/US2004/008673

(22) International Filing Date: 19 March 2004 (19.03.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/456,899

21 March 2003 (21.03.2003) US

(71) Applicant (for all designated States except US): DECO-PAC, INC. [US/US]; 5736 Main Street, Minneapolis, MN 55432 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): WOODHOUSE, James, F. [GB/GB]; 18 Blueburn Drive, Simonside Park, Killingworth, Tyne & Wear NE12 6FZ (GB). HOLTOM, Stan [GB/GB]; 5 Titchfield Terrace, Ashington, Northumberland NE63 0FZ (GB). BARKER, Dawn [GB/GB]; 5, Wansbeck Road, Ashington, Northumberland NE63 8HZ (GB). CANDLER, Andrew, M. [GB/GB]; 47 The

Avenue, Loansdean, Morpeth, Northumberland N261 2DF (GB). WRIGHT, Angela [GB/GB]; 176 Newbiggin Road, Ashington, Northumberland NE63 0TL (GB). METCALFE, Denise [GB/GB]; 2 Ashington Farm Cottage, Wansbeck Road, Ashington NE63 8TN (GB). RUSSELL, John, R. [GB/GB]; 11 Westlea, Bedlington, Northumberland NE22 6DX (GB).

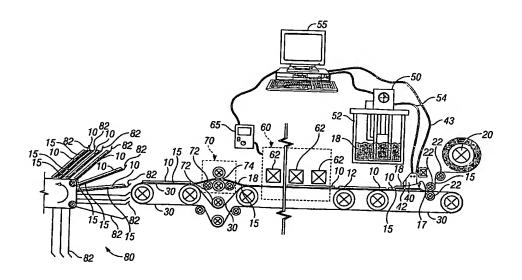
(74) Agent: GARDELLA, Greg, H.; Fish & Richardson P.C., P.A., 60 South Sixth Street, Suite 3300, Minneapolis, MN 55402-1104 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: PRODUCTION OF EDIBLE SUBSTRATES



(57) Abstract: Methods and systems for making an edible substrate may include depositing an edible material onto a backing material from a slot-coat applicator, a spray applicator or a combination of thereof, to form a substantially planar image-bearing edible substrate suitable for adherence to an edible material. An image may be printed on the edible substrate using one or more printing techniques, including screen printing, offset printing, thermal transfer, ink jet printing, lithographic blanket transfer printing, flexographic printing, letter press rotary relief plate printing, web printing, reel to reel printing and gravure printing.

## WO 2004/084648 A2

T NATIO BENEAUTH AN ENDERE KNOW BOURD BENEAUTH OF HE BENEAUTH AND A BENEAUTH BENEAUTH BENEAUTH BENEAUTH BENEAUTH

GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.